

Phocos Any-Grid PSW-H & PSW-B Comparison



PSW-H 230 Vac PSW-H 120 Vac

PSW-B-3KW-230/24V

- For larger micro and mini-grids and residential use
- Mixing of PV power and grid power possible at the same time
- Numerous communication, comfort and user interface features
- High PV voltages mean lower cost PV installation
- Works without battery

- Particularly useful for smaller Off-Grid systems and On-Grid Systems where feed-in is prohibited
- Simple menu configuration with fewer options
- Not a grid-interactive device
- Battery is required for operation
- Traditional PV voltage range means PV combiner boxes with string fuses are needed (more wiring)

Max. PV Panel Voltage
PV Panel MPP Voltage
Max. Usable PV Power
Max. Usable PV Power for Battery Charging
Max. Charge Current (PV)
Max. Charge Current (AC)
Max. Total Charge Current
Grid Mode
Extensibility
Battery-Free Mode
Removable Display Unit
Battery (BMS) Communication Port (CAN, RS-485, RS-232)
BLE Wireless Communication Interface with PhocosLink Mobile app
Real-Time Clock and Priority Timers
Integrated Datalogger

450 Vdc	250 Vdc
3 kW: 90 ~ 430 Vdc 5 kW: 120 ~ 430 Vdc	90 ~ 230 Vdc
3 kW units: 4000 W 5 kW units: 4800 W	
3 kW units: 2400 W 5 kW units: 4800 W	
80 Adc	
80 Adc	
80 Adc	
Parallel to AC input: mixing of PV and AC source power possible	
Up to 9 units in parallel or 3-phase	Up to 9 units in parallel, 3-phase or split-phase
	✓
	✓
	✓
	✓
	✓
	✓

145 Vdc
30 ~ 115 Vdc
1800 W
1800 W
60 Adc
60 Adc
120 Adc
By-pass: no mixing of PV and AC source power possible
-
-
-
-
-
-